MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

FEBRUARY, 1930

J. A. BROWN, DIRECTOR

LIBRARY
WEATHER BUREAU

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FEBRUARY 1930
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm +..				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	63.4	61.2	60.9	61.8	17.4	12.1	15.0	16.9	14.7	15.5
2	3.4	3.2	5.4	4.0	17.5	12.8	15.7	16.8	13.8	15.4
3	4.7	2.1	0.0	2.3	17.2	11.7	15.0	16.7	14.9	15.5
4	55.0	55.1	57.2	55.8	18.3	13.3	18.7	16.1	13.0	15.9
5	8.9	9.4	62.1	60.1	17.1	10.0	15.8	16.9	15.6	16.1
6	65.8	66.3	67.6	66.6	17.3	9.4	15.6	16.9	13.6	15.4
7	7.8	6.5	6.3	6.9	17.4	11.3	14.0	16.6	15.3	15.3
8	6.2	5.0	5.4	5.5	19.4	11.4	16.1	19.2	15.0	16.8
9	4.5	3.9	4.6	4.3	18.3	11.2	16.2	17.8	14.8	16.3
10	5.4	3.4	4.0	4.3	18.0	12.1	15.2	17.2	14.6	15.7
11	63.0	61.8	61.4	62.1	17.1	12.0	16.4	15.8	14.7	15.6
12	55.2	55.2	55.5	54.6	17.8	13.3	17.6	16.9	13.9	16.1
13	7.2	7.1	8.4	7.6	15.9	12.0	13.9	11.6	13.7	13.1
14	8.4	8.5	9.2	8.7	13.7	8.9	11.0	11.2	11.7	11.3
15	6.8	6.0	8.7	7.2	13.4	8.4	10.0	11.6	12.7	11.4
16	61.3	61.4	63.4	62.0	15.0	9.9	12.0	13.6	11.6	12.4
17	5.0	3.1	1.8	3.3	16.9	10.6	13.7	16.7	14.3	14.9
18	58.8	59.1	0.3	59.4	18.2	12.8	15.4	14.4	13.6	14.5
19	62.3	62.5	63.7	62.8	17.4	11.4	15.4	17.1	14.1	15.5
20	3.6	2.2	1.6	2.5	17.8	11.8	14.2	16.7	15.1	15.4
21	59.9	58.5	59.0	59.1	19.7	12.4	15.6	19.2	16.3	17.0
22	8.1	8.3	60.8	9 1	21.6	14.6	17.8	18.4	15.7	17.3
23	61.3	60.9	2.5	61.6	17.0	10.9	14.2	16.0	14.3	14.8
24	3.1	1.8	1.5	2.1	16.7	10.8	15.3	15.3	13.3	14.6
25	0.0	59.1	59.6	59 6	15.0	11.1	10.9	12.8	12.0	11.9
26	61.9	62.6	64.0	62.8	16.3	9.1	12.9	15.8	12.2	13.6
27	4.9	4.4	5.4	4.9	16.3	10.3	15.0	15.9	11.1	14.0
28	5.5	4.9	5.5	5.3	17.2	10.2	13.8	16.7	12.1	14.2
	61.83	61.12	61.99	61 65	17.18	11.28	14.73	15.96	13.85	14.84

Barometer, Range for month 753.2-767.8 m.m.

,, 50-yr. average for month 762.3 m.m.

Thermometer, Range for month 8.°4-21.°6

, 50-yr. average for month 14.32

Rain, total for month 157 99 m.m.

,, , 50-yr average for month 150.88m.m.

,, , total. Sept. 1st to end of month 621.64m.m.

,, , 50-yr average, Sept. 1st to end of month. 727.72m m.

FEBRUARY 1930

METEOROLOGICAL REGISTER

	Wet Bulb Cent			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun	Rain
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	hrs.	m.m.
1	12.9	14.6	13.2	9.8	11.0	10.4	10.4	77	77	83	79	7.8	3.96
2	13.2	14.1	11.1	9.8	10.3	8.4	9.5	74	72	71	72	6.8	0.30
3	12.5	13.6	12.8	9.3	9.8	9.7	9.6	74	70	77	74	9.2	
4	13.2	14.0	11.7	8.5	10 6	9.5	9 5	52	78	86	72	2.2	11.23
5	13.6	14.4	13.2	10.2	10.7	10.0	10.3	76	75	75	75	6.7	1.98
6	13.0	14.0	11.9	9.6	10.2	9.4	9.7	73	71	81	75	9 8	
7	11.0	13.8	12.2	8.1	10.1	8.9	9.0	68	72	68	69	9.6	
8	12.3	17.1	13.9	8.6	13.0	11.1	10.9	63	79	88	77	10.0	
9	14.2	15 8	13.8	10.7	12.0	11.1	11.3	78	79	89	82	10.0	
10	10.7	15.2	13.4	7.3	11.5	10.8	9.9	57	79	87	74	9.4	
11	15.0	14.7	13.7	11.8	11.8	11.0	11.5	84	88	89	87	1.0	3.30
12	13.8	14.9	12.3	9.5	11.3	9.8	10.2	63	78	83	75	1.8	2.44
13	11.9	10.8	12.1	9 1	9.1	9.6	9.3	77	90	82	83	3.6	8.99
14	10.4	10.0	10.4	9 1	8.5	8.5	8.8	93	85	85	88	1.2	27.12
15	9.7	10.3	11.0	8.4	8.5	8.9	8.6	88	84	81	84	0.0	13.21
16	11.0	12.7	10.7	9.2	10.3	9.0	9.5	88	90	88	89	5.2	6.58
17	12.2	14 8	13 2	9 7	11.4	10.6	10 6	83	81	87	84	7.6	2.69
18	13.8	14.1	12.6	10.8	11.8	10.2	10.9	82	96	89	89	3.4	14.68
19	13.9	14.6	12.8	8.3	10.8	10.2	9.8	83	74	85	81	8.0	17.42
20	12.0	14.2	13.1	9.2	10.4	10.0	9.9	77	72	78	76	2.6	
21	12.8	16.3	12.9	9.4	11.9	9.1	10.1	71	72	66	70	6.2	
22	15.6	15.6	13.3	11.7	11.4	10.0	11.0	77	74	75	75	3.0	
23	10.6	12.1	12.1	7.7	8.4	9.3	8.5	63	62	77	67	4.2	1.88
24	12.4	12.9	12.2	9.1	9 7	9.9	9.6	70	75	87	77	3.6	5.94
25	10.2	11.0	10.9	8.9	8.8	9 0	8.9	92	80	86	86	3.4	5.28
26	11.3	12.9	10.7	9.0	9.4	8.6	9.0	81	70	81	77	6.6	19.18
27	11.9	12.8	10.7	8.7	9.3	9.3	9.1	69	70	94	78	6.8	11.81
28	11.6	13.4	10.3	8.9	9.6	8.3	8.9	76	68	79	74	10.2	
	12.38	13.38	12.22	9.30	10.41	9.66	9.80	75.3	77.2	82.0	78.2	5.71	5.64

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of readings minus 2 hours equals G. C. T.

50-year averages are for period, 1875-1924

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METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20·30	Mean	8:30	14:30	20:30	Km.		
1	6strcu	2strcu	1cu	3.0	2s	2s	2s	409.5	slight	
2	2cu	2nicu	6stcu	3.3	1se	2s	2s	225.3	mod.	
3	1cu	4ci	8stcu	4.3	0	1ne	0	199.7	light	haze in a.m.
4	8ni cu	10ni	10ni	9.3	3se	6s	3s	599.9	stormy	hail
5	8ni	4strcu	6stcu	6.0	6s	6s	4s	616.5	v.rough	gale
6	1cu	4strcu	1cicu	2.0	0	2sw	1sw	227.1	mod.	
7	4ci	2strcu	8stcu	4.7	1se	1ne	1sw	62.4	calm	
8	1ci	1cicu	6ci	2.7	0	1s	0	84.5	,,	haze in a.m.
9	1cu	1ci	6strcu	2.7	0	0	1sw	156.4	light	
10	1ci	1cu	8stcu	3.3	0	2sw	2sw	346.0	mod.	
11	8nicu	10ni	8nicu	8.7	2s	0	1w	272.6	light	
12	10ni	8nicu	6stcu	8.0	3s	2e	1ne	290.0	mod.	
13	8nicu	8ni	10ni	8.7	3s	4s	4s	550.7	rough	t.l.r. d.& ni.
14	6nicu	8ni	6nicu	6.7	3s	4s	2ne	561.7	,,	t.l.r. d.& ni.
15	10ni	10ni	6nicu	8.7	3s	4ne	2n	393.9	mod.	db.rn.bw.
16	4str cu	8nicu	6nicu	6.0	2se	3s	1se	3250.	mod.	
17	8nicu	4strcu	1cu	4.3	0	1sw	1n	367.1	mod.	
18	8ci	10ni	10ni	9.3	1sw	4s	3s	344.7	,,	mist a.m.sir.
19	4stcu	3strcu	3strcu	3.3	2s	2sw	1s	388.4	,,	mist in a.m.
20	10ci	8stcu	0	6.0	0	1sw	1se	167.0	light	misty day
21	8stci	3ci	0	3.7	0	0	1e	96.6	calm	haze all d.
22	10ci	10ni	8ci	9.3	0	3s	1sw	219.0	mod.	tr. rain
23	4nicu	8nicu	6nicu	6.0	3s	4s	2s	491.1	slight	
24	6nicu	8ni	8ni	7.3	2s	4s	3s	561.7	rough	
25	10ni	8ni	10ni	5.3	2s	2s	4s	620.3	,,	
26	10ni	2stcu	4stcu	9.3	2nw	2nw	1nw	223.7	mod.	
27	2cicu	8nicu	10ni	6.7	0	1sw	1s	220.5	light	
28	2cicu	6nicu	0	3.7	0	0	1n	157.9	v. light	
				5.76				327.83		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	0	0	4	11	1	0	1	11
14:30	0	3	1	0	13	6	0	1	4
20.30	3	2	1	2	11	4	2	1	2
Totals	3	5	2	6	35	11	2	3	17

Number of days with rain 18, fog 0, thunderstorms 2, gales 1.
50-yr average number of days with rain during month 13.6